

MATERIAL SAFETY DATA SHEET

Radiator Specialty Company

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MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

US DEPARTMENT OF LABOR

Occupational Safety and Health Administration.
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

SECTION I GENERAL INFORMATION

| | |
|---------------------|-----------------------------|
| PRODUCT NAME | CAR SPRAY CLEANER (AEROSOL) |
| PART NUMBER | BUN48-14/6 |

NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| COMPONENT | WT% | C.A.S. NO. | TLV (ACGIH-X--- (TWA) | OSHA---X---- (TWA) |
|--------------------|-------|------------|--------------------------|-----------------------|
| Xylene | 50-60 | 1330-20-7 | 100 ppm | 100 ppm |
| Methylene Chloride | 40-50 | 75-09-2 | 50 ppm | 25 ppm |
| Ethylbenzene | 5-15 | 100-41-4 | 100 ppm | 100 ppm |

This product contains chemicals known to the State of California to cause cancer and reproductive harm. All chemicals above are subject to reporting requirements of Section 313, SARA Title III.

N. F. P. A. LEVEL 2 AEROSOL

Comments:

Components not identified are non-hazardous according to 29 CFR 1910.1200

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|---|--|--------------------------------------|---------------|
| Specific Gravity (H₂O=1) | 1.050 | pH | N/A |
| Solubility in Water | Immiscible | Solubility in Solvent | Most solvents |
| Flash Point (Method) - F⁰ | Not Applicable | % Volatiles By Wt. | No data |
| Melting Point - F⁰ | No data | Boiling Point - F⁰ | 103 |
| Vapor Pressure (mm Hg) | 355 @ 68°F | Vapor Density (Air=1) | 1.00 |
| Evaporation Rate (Butyl Acetate=1) | Rapid | | |
| Appearance and Odor | Clear fluid with sweet, aromatic odor. | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

| | | | |
|---|------|---|-----------------------|
| EXTINGUISHING MEDIA: | | | |
| Water Fog | Foam | X | Dry Chemical X |
| SPECIAL FIRE FIGHTING PROCEDURES. Wear self-contained, positive pressure breathing apparatus and protective clothes. | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS Vapors are heavier than air and may travel to distant ignition sources. | | | |

SECTION V REACTIVITY DATA

| | | | | | |
|---|-----------------|------------------|-----------|--------------------------------------|-------------|
| Stable X | Unstable | Corrosive | NO | Hazardous Polymerization? Yes | No X |
| Incompatibilities Amines, reactive metals (aluminum), strong alkalis, strong oxidizing agents. . | | | | | |
| Hazardous Decomposition or Byproducts Carbon oxides, chlorine, hydrogen chloride, phosgene | | | | | |

SECTION VI HEALTH HAZARD INFORMATION

| | |
|---|---|
| Recommended TLV of Product 25 ppm (TWA) | |
| EYE CONTACT Irritant causing redness and swelling | SKIN CONTACT Irritant and may dry the skin |
| INHALATION Short term is moderate toxicity | INGESTION HARMFUL OR FATAL IF SWALLOWED. |
| OTHER May aggravate pre-existing liver, heart or CNS disorder. | |

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

| | | | | | |
|--|--|--|--|--|--|
| EYE CONTACT Flush thoroughly with water for 15 minutes, lifting upper & lower lids occasionally. Seek immediately medical attention | | | | | |
| SKIN CONTACT Wash with soap and water. If irritation persists, seek medical attention | | | | | |
| INHALATION Immediately remove to fresh air. If breathing has stopped, give artificial respiration or oxygen as required. Get medical attention. | | | | | |
| INGESTION If individual is drowsy or unconscious, do not give anything by mouth. Place individual on the left side with the head down. Seek medical attention and advise as to induce vomiting. | | | | | |

SECTION VIII SPECIAL PROTECTION INFORMATION

| | CONSUMER | BULK HANDLING (Prolonged Exposure) |
|-------------------------------|-----------------------------|---|
| RESPIRATORY PROTECTION | None | If TLV is exceeded, wear NIOSH approved respirator. |
| VENTILATION | General | Local exhaust |
| EYE PROTECTION | Chemical goggles | Chemical splash goggles & Face shield |
| PROTECTIVE CLOTHING | Impervious gloves and apron | Impervious gloves, clothing and boots |

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

| | |
|--|--|
| SPILL OR LEAK PROCEDURE Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from spill area. Absorb liquids using vermiculite, floor absorbent. Transfer to waste storage drum. | |
| WASTE DISPOSAL METHOD Dispose of in accordance with all applicable government laws and regulations. | |
| STORAGE AND HANDLING PRECAUTIONS Keep in cool, dry areas | |
| OTHER PRECAUTIONS Keep away from children and animals! Do not puncture or incinerate containers. Wear chemical goggles and apron. Remove contact lenses before using product. | |

| | | |
|--------------------------------------|--------------|------------|
| HAZARD INFORMATION LABEL DATA | | |
| HAZARD CODE | FLAMMABILITY | REACTIVITY |
| 4- Extreme | | |
| 3- High | | |
| 2- Moderate | | |
| 1- Slight | | |
| 0- Negligible | | |
| *pr=pressure | | |

Supersedes DECEMBER 1996

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Title R. GEER - CHEMIST

While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification.